

A signal testing implementation provides significant advantages over conventional signal testing techniques. According to an exemplary embodiment, an apparatus for enabling signal testing such as SCSI signal testing in a test configuration includes a portable cable environment having a plurality of cables exhibiting a plurality of lengths and impedances. A user can selectively connect any one of the cables between a host device such as a server and a target device such as a disk subsystem. Signal measurement connectors which are connectable to the portable cable environment may be provided. According to an embodiment, each of the signal measurement connectors includes one or more test measurement points to enable collection of signal testing results.